

IN THE CLAIMS

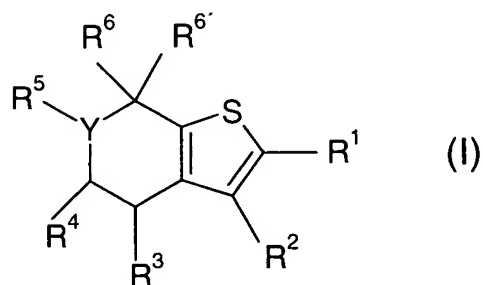
COMPLETE LISTING OF ALL CLAIMS, WITH MARKINGS AND STATUS IDENTIFIERS
 (Currently amended claims showing deletions by ~~strike through~~ and additions by underlining)

This listing of claims will replace all prior versions and listings of the claims in the application.

Listing of Claims:

1-12. (canceled)

13. (currently amended) A mycobacterial serine/threonine protein kinase G (PknG) inhibitor ~~G (PknG)~~ compound having the general formula (I):



wherein

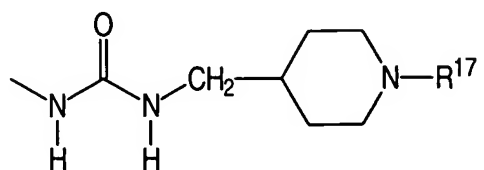
Y represents C or S;

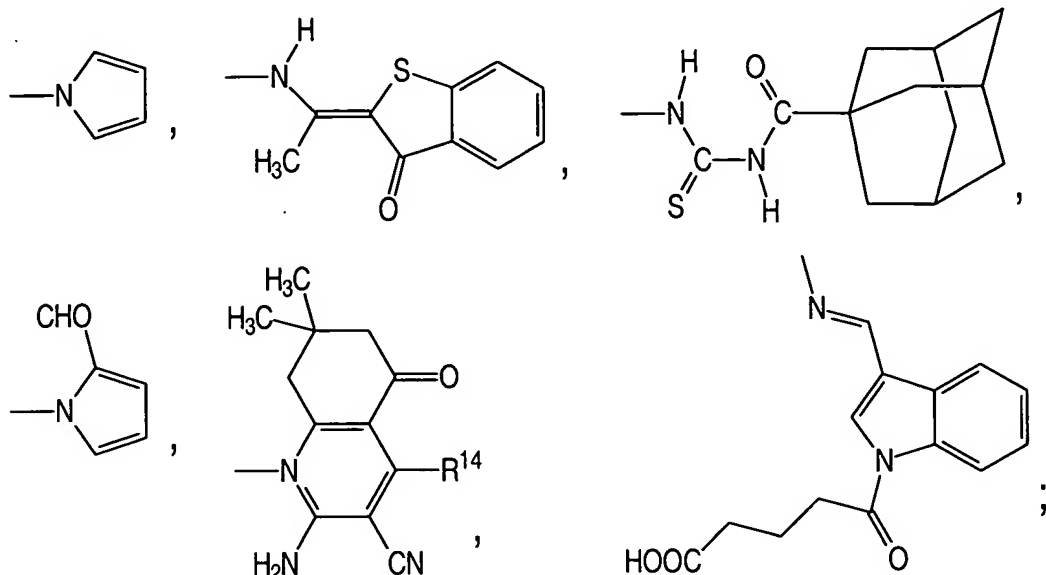
wherein

R^1 represents R^2 , $-\text{NH}-\text{CO}-R^{16}$, $-\text{NH}_2$, $-\text{N}=\text{CH}-R^{15}$, $-\text{N}=\text{CH}-R^{16}$,
 $-\text{NH}-\text{CH}_2-R^{14}$, $-\text{NH}-\text{CH}_2-R^{16}$, $-\text{NH}-\text{SO}_2-R^{14}$, $-\text{NH}-\text{CO}-\text{NH}-R^{14}$,
 $-\text{NH}-\text{CS}-\text{NH}-\text{CH}(\text{CCl}_3)-\text{NH}-\text{CO}-R^{16}$,

$-\text{NH}-\text{CH}(\text{CCl}_3)-\text{NH}-\text{CO}-R^{12}$,

$-\text{NH}-\text{CS}-\text{NH}-R^{12}$, $-\text{N}=\text{CH}-R^{12}$,





R^2 represents $-\text{COOR}^{12}$, $-\text{CONR}^{12}\text{R}^{12'}$, $-\text{CONR}^{12}\text{R}^{14}$, $-\text{C}\equiv\text{N}$, $-\text{COCOOR}^{12}$, $-\text{COCH}_2\text{Cl}$, $-\text{COCONHNH}_2$,

R^3 , R^4 , R^5 represent independently of each other $-\text{R}^{11}$, $-\text{R}^{12}$, $-\text{R}^{12'}$, $-\text{OR}^{12}$, $-\text{SR}^{12}$, $-\text{NO}_2$, $-\text{CO}-\text{R}^{12}$, $-\text{NO}$, $-\text{N}_3$, $-\text{CN}$, $-\text{OCN}$, $-\text{NCO}$, $-\text{SCN}$, $-\text{NCS}$, $-\text{COOR}^{12}$, $-\text{COCN}$, $-\text{CONR}^{12}\text{R}^{12'}$, $-\text{NR}^{12}\text{R}^{12'}$, $-\text{SOR}^{12}$, $-\text{SO}_2\text{R}^{12}$, $-\text{SO}_3\text{R}^{12}$, $-\text{CH}_2\text{OR}^{12}$;

in one case R^6 represents $-\text{R}^{11}$, $-\text{R}^{12}$, $-\text{R}^{12'}$, $-\text{OR}^{12}$, $-\text{SR}^{12}$, $-\text{NO}_2$, $-\text{CO}-\text{R}^{12}$, $-\text{NO}$, $-\text{N}_3$, $-\text{CN}$, $-\text{OCN}$, $-\text{NCO}$, $-\text{SCN}$, $-\text{NCS}$, $-\text{COOR}^{12}$, $-\text{COCN}$, $-\text{CONR}^{12}\text{R}^{12'}$, $-\text{NR}^{12}\text{R}^{12'}$, $-\text{SOR}^{12}$, $-\text{SO}_2\text{R}^{12}$, $-\text{SO}_3\text{R}^{12}$, and $R^{6'}$ is hydrogen;

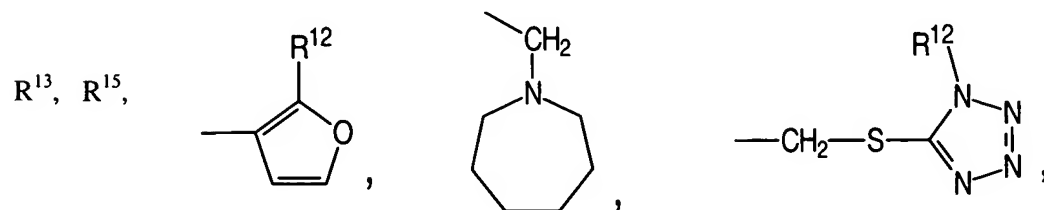
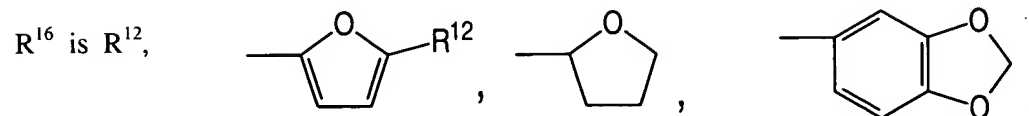
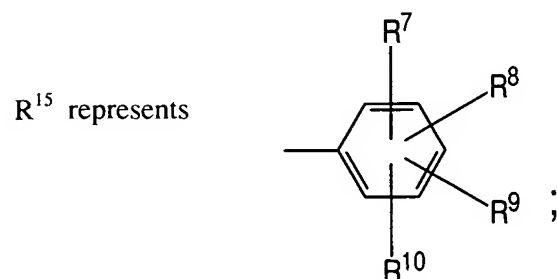
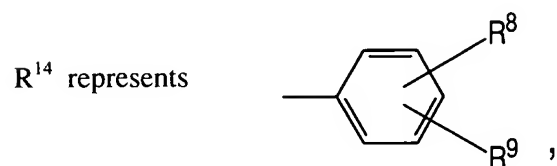
in the other case R^6 and $R^{6'}$ together represent a carbonyl oxygen or a oximo residue $=\text{N}-\text{OH}$ or $=\text{N}-\text{OOC}-\text{R}^{12}$;

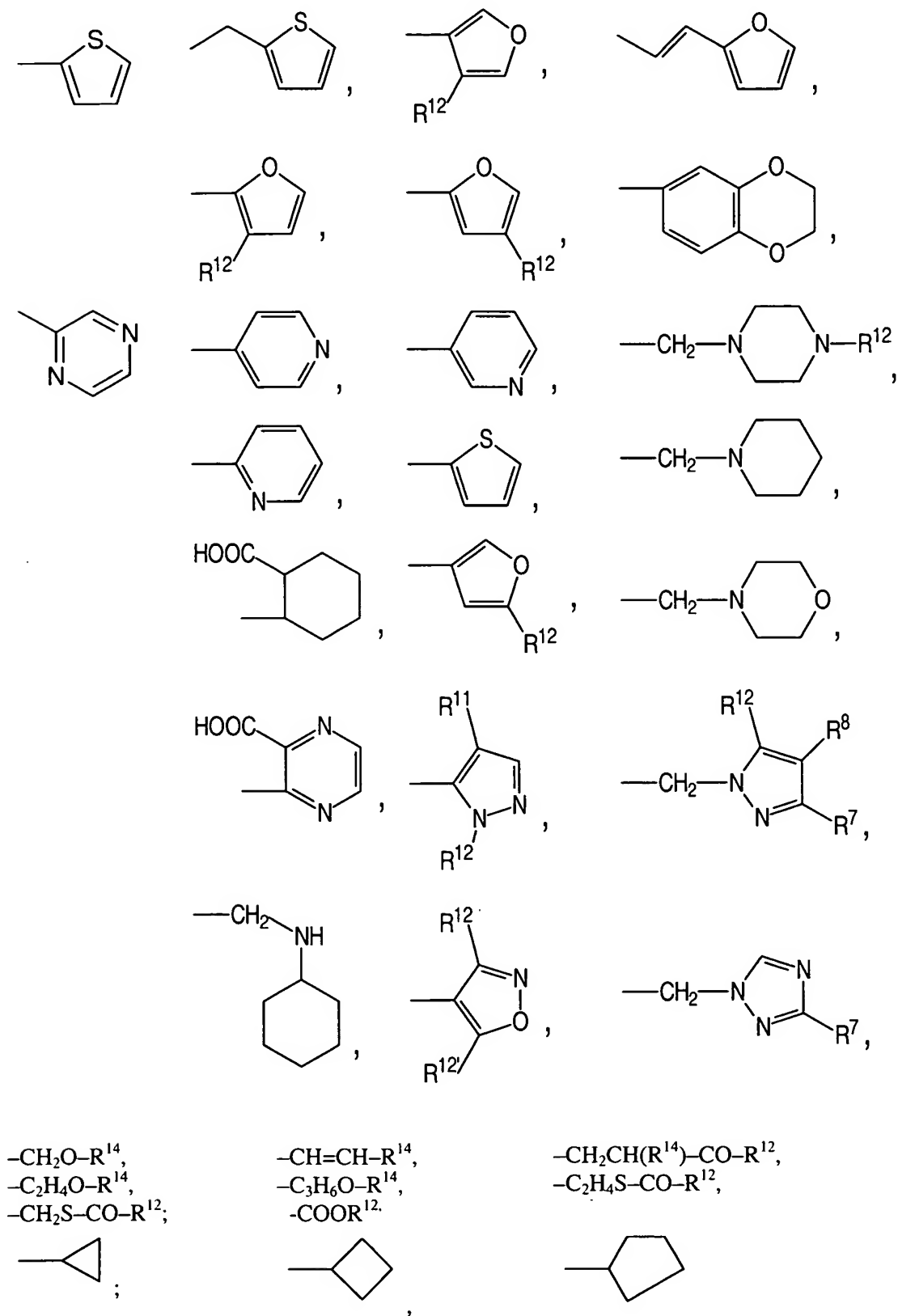
R^7 , R^8 , R^9 , R^{10} represent independently of each other $-\text{R}^{11}$, $-\text{R}^{12}$, $-\text{OR}^{12}$, $-\text{SR}^{12}$, $-\text{NO}_2$, $-\text{CO}-\text{R}^{12}$, $-\text{COOR}^{12}$, $-\text{OOCR}^{16}$;

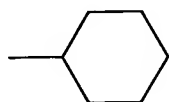
R^{11} represents $-\text{F}$, $-\text{Cl}$, $-\text{Br}$, $-\text{I}$;

R^{12} , $R^{12'}$ represent independently of each other $-H$, $-CH_3$, $-C(R^{11})_3$,
 $-C_2H_5$, $-C_3H_7$, $-CH(CH_3)_2$, $-CH_2-CH=CH_2$, $-CCH_3=CH_2$, $-CH=C(CH_3)_2$,
 $-CH=CH-CH_3$, $-CH=CHC_2H_5$, $-CH(CH_3)C_2H_5$, $-(CH_2)_n-C\equiv C-R^5$, $-C_4H_9$,
 $-C(CH_3)_3$, $-Ph$, $-CH_2-R^{15}$; $-C_2H_4OH$ with n being an integer from 0-2;

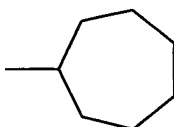
R^{13} represents $-CF_2CHF_2$, $-C_5H_{11}$, $-C_6H_{11}$, $-C_6H_{13}$, $-C_7H_{15}$, $-C_8H_{17}$, $-C_9H_{19}$, $-$
 $C_{10}H_{21}$, $-C_{11}H_{23}$, $-C_{12}H_{25}$, $-C_{13}H_{27}$, $-CH_2SPh$, $-CH_2R^{11}$,
 $-C_2H_4R^{11}$, $-C_3H_6R^{11}$, $-C_4H_8R^{11}$, $-C_2H_4Ph$, $-CH=CH-COOR^{12}$,
 $-CH_2COOR^{12}$, $-C_2H_4COOR^{12}$, $-C_3H_6COOR^{12}$, $-CH(Ph)-SPh$, $-C_3H_5$,
 $-CH_2CH(Ph)_2$, $-C_4H_7$, $-C_5H_9$, $-C(CH_3)_2CH_2R^{11}$, $-CH_2CH(CH_3)_2$,
 $-CH(R^{11})Ph$, $-CH_2CH(CH_3)CH_2C(CH_3)_3$, $-CH(C_2H_5)-C_4H_9$, $-CH(R^{11})_2$,
 $-CH(Ph)-C_2H_5$, $-CH_2C(CH_3)_3$,







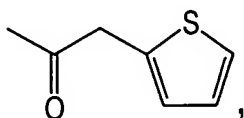
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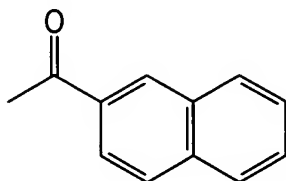
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nitrobenzyl, particularly p-nitrobenzyl;

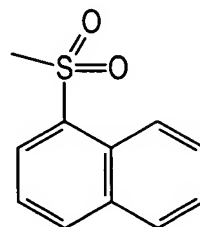
R^{17} represents $-H$, $-CO-R^{12}$, $-CO-R^{13}$, $-CO-R^{14}$, $-CO-NH-R^{12}$,
 $-CO-NH-R^{13}$, $-CO-NH-R^{14}$, $-SO_2-R^{14}$, $-CO-NH-CH_2-COO-R^{12}$,
 $-CO-CH_2-O-R^{14}$, $-CO-CH=CH-R^{14}$,



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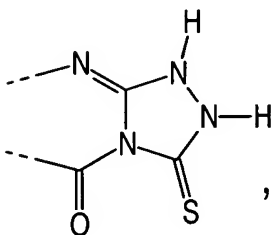


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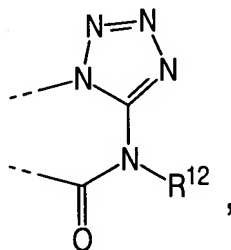


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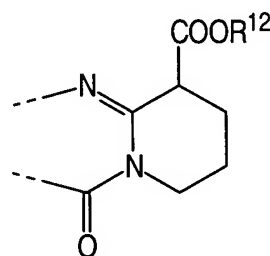
or R^1 and R^2 together represent a heterocyclic ring system having the following formula



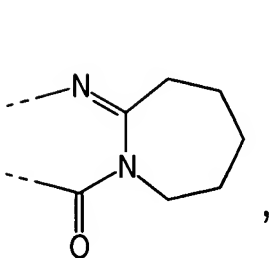
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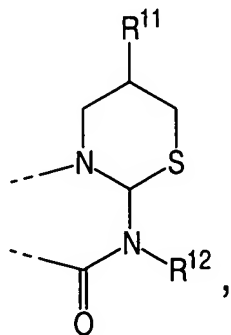
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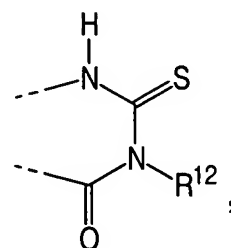
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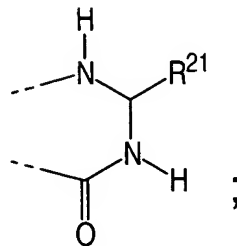
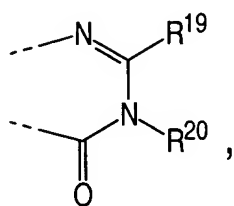
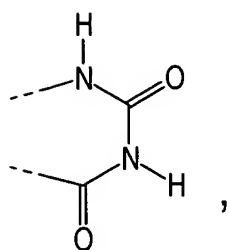
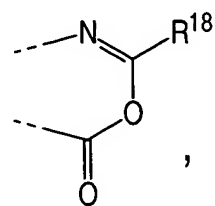
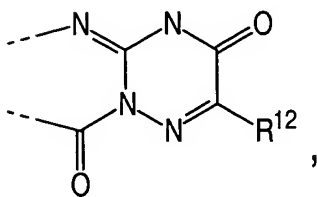
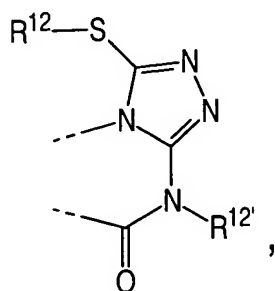
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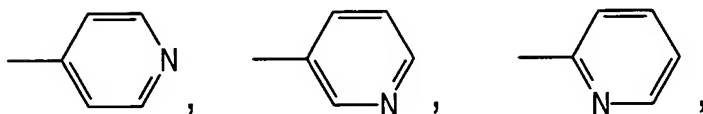
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R^{18} represents R^{12} ,

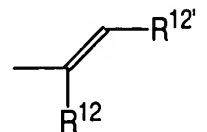
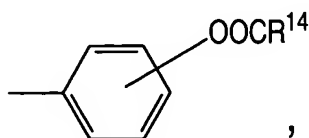
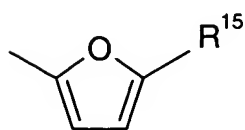
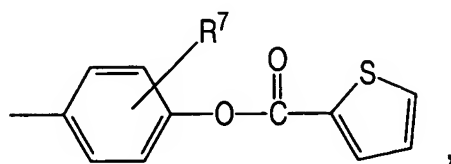


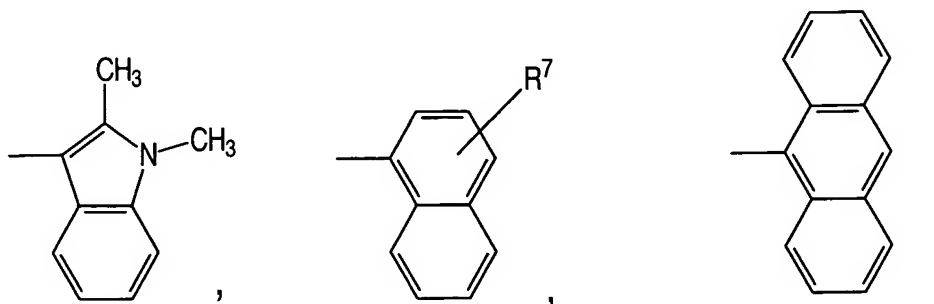
R^{19} represents R^3 , R^{14} , $-\text{SCH}_2-\text{R}^3$, $-\text{SCH}_2-\text{CO}-\text{R}^{14}$, $-\text{SCH}_2-\text{CO}-\text{NH}-\text{R}^{14}$, $-\text{SCH}_2-\text{CO}-\text{NH}-\text{CH}_2-\text{R}^{12}$, $-\text{NH}-\text{CO}-\text{CH}_2-\text{OR}^{14}$, $-\text{CO}-\text{NH}-\text{N}=\text{CHR}^{12}(\text{R}^{14})$,



R^{20} represents R^{12} , $-\text{NH}-\text{CO}-\text{R}^{12}$, $-\text{N}=\text{CH}-\text{R}^{15}$,

R^{21} represents R^{15} ,





and pharmaceutically acceptable salts of these compounds.

14. (previously presented) A pharmaceutical composition useful for treating mycobacterial infections, said pharmaceutical composition comprising at least one inhibitor of a mycobacterial serine/threonine protein kinase according to Claim 13 and a pharmaceutically acceptable carrier, excipient or diluent.

15. (previously presented) A pharmaceutical composition according to Claim 14, wherein said mycobacterial serine/threonine protein kinase inhibitor is selected from the group consisting of:

(Compound 1) 2-{3-[1-(2-Chloro-acetyl)-piperidin-4-ylmethyl]-ureido}-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid ethyl ester;

(Compound 2) 2-[3-(1-Butyryl-piperidin-4-ylmethyl)-ureido]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid ethyl ester;

(Compound 3) 2-[3-(1-Propanoyl-piperidin-4-ylmethyl)-ureido]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid ethyl ester;

(Compound 4) 2-[3-(1-Benzoyl-piperidin-4-ylmethyl)-ureido]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid ethyl ester;

(Compound 5) 2-{3-[1-(2-Chloro-benzoyl-piperidin-4-ylmethyl)-ureido]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid ethyl ester;

(Compound 6) 2-[3-(1-Isobutyryl-piperidin-4-ylmethyl)-ureido]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid ethyl ester;

(Compound 7) 2-{3-[1-(4-Methyl-benzoyl-piperidin-4-ylmethyl)-ureido]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid ethyl ester;

(Compound 8) 2-[3-(1-Cyclohexanecarbonyl-piperidin-4-ylmethyl)-ureido]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid ethyl ester;

(Compound 9) 2-[3-(1-Cyclopropanecarbonyl-piperidin-4-ylmethyl)-ureido]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid ethyl ester;

(Compound 10) 2-[3-(1-Hexanoyl-piperidin-4-ylmethyl)-ureido]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid ethyl ester;

(Compound 11) 2-{3-[1-(2-Methyl-benzoyl-piperidin-4-ylmethyl)-ureido]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid ethyl ester;

(Compound 12) 2-{3-[1-(3-Chloro-2,2-dimethyl-propionyl)-piperidin-4-ylmethyl]-ureido]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid ethyl ester;

(Compound 13) 2-{3-[1-(3,5,5-Trimethyl-hexanoyl-piperidin-4-ylmethyl)-ureido]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid ethyl ester;

(Compound 14) 2-{3-[1-(2-Ethyl-hexanoyl-piperidin-4-ylmethyl)-ureido]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid ethyl ester;

(Compound 15) 2-{3-[1-(2-Phenyl-butyryl-piperidin-4-ylmethyl)-ureido]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid ethyl ester;

(Compound 16) 2-[3-(1-Cyclopentylcarbonyl-piperidin-4-ylmethyl)-ureido]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid ethyl ester;

(Compound 17) 2-{3-[1-(2-Chloro-2-phenyl-acetyl-piperidin-4-ylmethyl)-ureido]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid ethyl ester;

(Compound 18) 2-{3-[1-(4-Butyl-benzoyl-piperidin-4-ylmethyl)-ureido]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid ethyl ester;

(Compound 19) 2-[3-(1-Decanoyl-piperidin-4-ylmethyl)-ureido]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid ethyl ester;

(Compound 20) 2-[3-(1-Heptanoyl-piperidin-4-ylmethyl)-ureido]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid ethyl ester;

(Compound 21) 2-[3-(1-Nonanoyl-piperidin-4-ylmethyl)-ureido]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid ethyl ester;

(Compound 22) 2-[3-(1-Dodecanoyl-piperidin-4-ylmethyl)-ureido]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid ethyl ester;

(Compound 23) 2-{3-[1-(3-Methy-buteryl)-piperidin-4-ylmethyl]-ureido}-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid ethyl ester;

(Compound 24) 2-[3-(1-Tetradecanoyl-piperidin-4-ylmethyl)-ureido]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid ethyl ester;

(Compound 25) 2-[3-(1-Cyclohexylcarbamoyl-piperidin-4-ylmethyl)-ureido]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid ethyl ester;

(Compound 26) 2-[3-(1-Phenylcarbamoyl-piperidin-4-ylmethyl)-ureido]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid ethyl ester;

(Compound 27) 2-[3-(1-Benzylcarbamoyl-piperidin-4-ylmethyl)-ureido]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid ethyl ester;

(Compound 28) 2-{3-[1-(4-Ethoxycarbonyl-phenylcarbamoyl)-piperidin-4-ylmethyl]-ureido}-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid ethyl ester;

(Compound 29) 2-{3-[1-(3-Bromo-phenylcarbamoyl)-piperidin-4-ylmethyl]-ureido}-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid ethyl ester;

(Compound 30) 2-{3-[1-(2-Methoxy-phenylcarbamoyl)-piperidin-4-ylmethyl]-ureido}-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid ethyl ester;

(Compound 31) 2-{3-[1-(2-Methyl-phenylcarbamoyl)-piperidin-4-ylmethyl]-ureido}-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid ethyl ester;

(Compound 32) 2-{3-[1-(4-Chloro-benzenesulfonyl)-piperidin-4-ylmethyl]-ureido}-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid ethyl ester;

(Compound 33) 2-{3-[1-(4-Fluoro-benzenesulfonyl)-piperidin-4-ylmethyl]-ureido}-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid ethyl ester;

(Compound 34) 2-{3-[1-(4-Methyl-benzenesulfonyl)-piperidin-4-ylmethyl]-ureido}-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid ethyl ester;

(Compound 35) 2-{3-[1-Naphtalene-1-sulfonyl)-piperidin-4-ylmethyl]-ureido}-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid ethyl ester;

(Compound 36) 2-{3-[1-(4-Chloro-benzenesulfonyl)-piperidin-4-ylmethyl]-ureido}-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid ethyl ester;

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- (Compound 37) 2-{3-[1-(2,5-Dichloro-benzenesulfonyl)-piperidin-4-ylmethyl]-ureido}-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid ethyl ester;
- (Compound 38) 2-{3-[1-(2,2-Dichloro-acetyl)-piperidin-4-ylmethyl]-ureido}-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid ethyl ester;
- (Compound 39) 2-{3-[1-(3,3-Dimethyl-butyl)-piperidin-4-ylmethyl]-ureido}-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid ethyl ester;
- (Compound 40) 2-{3-[1-(Ethoxycarbonylmethyl-carbamoyl)-piperidin-4-ylmethyl]-ureido}-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid ethyl ester;
- (Compound 41) 2-{3-[1-(3-Methoxy-phenylcarbamoyl)-piperidin-4-ylmethyl]-ureido}-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid ethyl ester;
- (Compound 42) 2-{3-[1-(3,5-Bis-trifluoromethyl-benzoyl)-piperidin-4-ylmethyl]-ureido}-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid ethyl ester;
- (Compound 43) 2-[3-(1-Phenylacetyl-piperidin-4-ylmethyl)-ureido]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid ethyl ester;
- (Compound 44) 2-{3-[1-(3,4-Dichloro-benzoyl)-piperidin-4-ylmethyl]-ureido}-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid ethyl ester;

(Compound 45) 2-{3-[1-(2,4,6-Trimethyl-benzenesulfonyl)-piperidin-4-ylmethyl]-ureido}-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid ethyl ester;

(Compound 46) 2-{3-[1-(4-Methoxy-benzenesulfonyl)-piperidin-4-ylmethyl]-ureido}-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid ethyl ester;

(Compound 47) 2-{3-[1-(Naphthalene-2-sulfonyl)-piperidin-4-ylmethyl]-ureido}-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid ethyl ester;

(Compound 48) 2-(3-Piperidin-4-ylmethyl-ureido)-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid ethyl ester;

(Compound 49) 2-(3-{1-[2-(4-Chloro-phenoxy)-acetyl]-piperidin-4-ylmethyl}-ureido)-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid ethyl ester;

(Compound 50) 2-(3-{1-[3-(4-Nitro-phenoyl)-acryloyl]-piperidin-4-ylmethyl}-ureido)-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid ethyl ester;

(Compound 51) 2-[3-(1-Octanoyl-piperidin-4-ylmethyl)-ureido]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid ethyl ester;

(Compound 52) 2-[3-(1-Benzenesulfonyl-piperidin-4-ylmethyl)-ureido]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid ethyl ester;

(Compound 53) 2-[3-(1-Ethyllylcarbamoyl-piperidin-4-ylmethyl)-ureido]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid ethyl ester;

(Compound 54) 2-{3-[1-(3-Fluoro-benzoyl-piperidin-4-ylmethyl)-ureido]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid ethyl ester;

(Compound 55) 2-{3-[1-(4-Chloro-phenylcarbamoyl)-piperidin-4-ylmethyl]-ureido}-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid ethyl ester;

(Compound 56) 4-[3-(3-ethoxycarbonyl-4,5,6,7-tetrahydro-benzo[b]thiophene-2-yl)-ureidomethyl]-piperidine-1-carboxylic acid phenyl ester;

(Compound 57) 2-{3-[1-(3-Trifluoromethyl-benzoyl-piperidin-4-ylmethyl)-ureido]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid ethyl ester;

(Compound 58) 2-{3-[1-(3-Bromo-benzoyl-piperidin-4-ylmethyl)-ureido]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid ethyl ester;

(Compound 59) 2-{3-[1-(2,4-Dichloro-phenylcarbamoyl)-piperidin-4-ylmethyl]-ureido}-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid ethyl ester;

(Compound 60) 2-{3-[1-(2-Trifluoromethyl-phenylcarbamoyl)-piperidin-4-ylmethyl]-ureido}-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid ethyl ester;

(Compound 61) 2-{3-[1-(4-*tert*-Butyl-benzoyl-piperidin-4-ylmethyl)-ureido]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid ethyl ester;

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- (Compound 62) 2-{3-[1-(3-Nitro-benzoyl-piperidin-4-ylmethyl)-ureido]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid ethyl ester;
- (Compound 63) 2-[3-(1-Cyclobutanecarbonyl-piperidin-4-ylmethyl)-ureido]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid ethyl ester;
- (Compound 64) 2-{3-[1-(2-Thiophen-2-ylacetyl)-piperidin-4-ylmethyl]-ureido}-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid ethyl ester;
- (Compound 65) 2-{3-[1-(Naphthalene-2-carbonyl)-piperidin-4-ylmethyl]-ureido}-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid ethyl ester;
- (Compound 66) 5,6,7,8-Tetrahydro-1*H*-benzo[4,5]thieno[2,3-*d*]pyrimidine-2,4-dione;
- (Compound 67) 4-Oxo-3,4,5,6,7,8-hexahydro-benzo[4,5]thieno[2,3-*d*]pyrimidine-2-carboxylic acid ethyl ester;
- (Compound 68) 2-Acetylamino-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid ethyl ester;
- (Compound 69) 2-Amino-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid ethyl ester;
- (Compound 70) 2-Amino-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide;
- (Compound 71) 2-Acetylamino-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid;

(Compound 72) 2-(Toluene-4-sulfonylamino)-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide;

(Compound 73) 7-Methyl-1,3,4,9-tetrahydro-2*H*-11-thia-5a,6,9,10-tetraaza-benzo [*b*]fluorene-5,8-dione;

(Compound 74) 7-Phenyl-1,3,4,9-tetrahydro-2*H*-11-thia-5a,6,9,10-tetraaza-benzo [*b*]fluorene-5,8-dione;

(Compound 75) 2-(5-Nitro-furan-2-yl)-2,3,5,6,7,8-hexahydro-1*H*-benzo[4,5]thieno[2,3-*d*]pyrimidin-4-one;

(Compound 76) 2-[(5-Bromo-2-hydroxy-benzylidene)-amino]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide;

(Compound 77) 2-[(4,5-Dibromo-2-hydroxy-benzylidene)-amino]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid ethyl ester;

(Compound 78) 2-[(2-Chloro-benzylidene)-amino]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide;

(Compound 79) 2-[1-(3-Oxo-3*H*-benzo[*b*]thiophen-2-ylidene)-ethylamino]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic ethyl ester;

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- (Compound 80) 2-Heptanoylamino-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid ethyl ester;
- (Compound 81) 2-(3-Bromo-benzoylamino)-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid ethyl ester;
- (Compound 82) 2-Ethyl-5,6,7,8-tetrahydro-3-oxa-9-thia-1-aza-fluoren-4-one;
- (Compound 83) Furan-2-carboxylic acid [3-(4-methoxy-phenylcarbamoyl)-4,5,6,7-tetrahydro-benzo[b]thiophen-2-yl]-amide;
- (Compound 84) 2-Pyridin-3-yl-5,6,7,8-tetrahydro-3-oxa-9-thia-1-aza-fluoren-4-one;
- (Compound 85) 2-Propionylamino-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic phenylamide;
- (Compound 86) 1-Allylsulfanyl-4-phenyl-6,7,8,9-tetrahydro-4*H*-10-thia-2,3,4,10*b*-tetraaza-cyclopenta[*a*]fluoren-5-one;
- (Compound 87) 2-[2-(1-Phenyl-1*H*-tetrazol-5-ylsulfanyl)-acetylamino]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid ethyl ester;
- (Compound 88) 2-[3-(4-Methoxy-phenyl)-3-(2,2,2-trifluoro-acetylamino)-propionyl-amino]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide;

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- (Compound 89) 2-(3-Chloro-benzyolamino)-4,5,6,7-tetrahydro-benzo[*b*]thiophene-3-carboxylic acid ethyl ester;
- (Compound 90) 2-{{1-(4-Carboxy-butyryl)-1*H*-indol-3-ylmethylene}-amino}-4,5,6,7-tetrahydro-benzo[*b*]thiophene-3-carboxylic acid ethyl ester;
- (Compound 91) 2-(7-Ethyl-4-oxo-3-phenyl-3,4,5,6,7,8-hexahydro-benzo)[4,5]thieno [2,3-*d*]pyrimidin-2-ylsulfanyl)-N-(2-isopropoxy-phenyl)-acetamide;
- (Compound 92) N,N-Diethyl-2-(7-ethyl-4-oxo-3-phenyl-3,4,5,6,7,8-hexahydro-benzo)[4,5]thieno[2,3-*d*]pyrimidin-2-ylsulfanyl)-acetamide;
- (Compound 93) 3-[(4-Hydroxy-3-methoxy-benzylidene)-amino]-2-methyl-5,6,7,8-tetrahydro-3*H*-benzo[4,5]thieno[2,3-*d*]pyrimidin-4-one;
- (Compound 94) 6-Ethyl-2-(3-phenyl-thioureido)-4,5,6,7-tetrahydro-benzo[*b*] thiophene-3-carboxylic acid ethyl ester;
- (Compound 95) 2-[3-(Adamantane-1-carbonyl)-thioureido]-4,5,6,7-tetrahydro-benzo[*b*]thiophene-3-carboxylic acid ethyl ester;
- (Compound 96) 2-[(3,5-Dibromo-2,4-dihydroxy-benzylidene)-amino]-4,5,6,7-tetrahydro-benzo[*b*]thiophene-3-carboxylic acid ethyl ester;

- (Compound 97) Benzoic acid 2-ethoxy-4-(4-oxo-1,2,3,4,4a,5,6,7,8,9a-decahydro-benzo[4,5]thieno[2,3-*d*]pyrimidin-2-yl)-phenylester;
- (Compound 98) 2-(1-Acetylamino-2,2,2-trichloro-ethylamino)-4,5,6,7-tetrahydro-benzo[*b*]thiophene-3-carboxylic acid ethyl ester;
- (Compound 99) 2-(3,5-Di-*tert*-butyl-4-hydroxy-phenyl)-2,3,5,6,7,8-hexahydro-1*H*-benzo[4,5]thieno[2,3-*d*]pyrimidin-4-one;
- (Compound 100) 4-Oxo-3,4,5,6,7,8-hexahydro-benzo[4,5]thieno[2,3-*d*]pyrimidine-2-carboxylic acid [1-(3-nitro-phenyl)-ethylidene]-hydrazide;
- (Compound 101) 2-[(Pyridine-4-carbonyl)-amino]-4,5,6,7-tetrahydro-benzo[*b*]thio-phene-3-carboxylic acid ethyl ester;
- (Compound 102) 2-(2,2,3,3-Tetrafluoro-propionylamino)-4,5,6,7-tetrahydro-benzo[*b*] thiophene-3-carboxylic acid amide;
- (Compound 103) 2-[3-(1-Acetylamino-2,2,2-trichloro-ethyl)-thioureido]-4,5,6,7-tetrahydro-benzo[*b*]thiophene-3-carboxylic acid ethyl ester;
- (Compound 104) 2-[3-(2,2,2-Trichloro-1-propionylamino-ethyl)-thioureido]-4,5,6,7-tetrahydro-benzo[*b*]thiophene-3-carboxylic acid amide;
- (Compound 105) 2-(3-Chloro-phenyl)-2,3,5,6,7,8-hexahydro-1*H*-benzo[4,5]thieno[2,3-*d*]pyrimidin-4-one;

(Compound 106) 2-(2-Chloro-phenyl)-2,3,5,6,7,8-hexahydro-1*H*-benzo[4,5]thieno[2,3-*d*]pyrimidin-4-one;

(Compound 107) 2-Anthracene-9-yl-2,3,5,6,7,8-hexahydro-1*H*-benzo[4,5]thieno[2,3-*d*] pyrimidin-4-one;

(Compound 108) 2-(3,5-Dibromo-2-methoxy-phenyl)-2,3,5,6,7,8-hexahydro-1*H*-benzo[4,5]thieno[2,3-*d*]pyrimidin-4-one;

(Compound 109) 2-[5-(4-Bromo-phenyl)-furan-2-yl]-2,3,4a,5,6,7,8,9a-octahydro-1*H*-benzo[4,5]thieno[2,3-*d*]pyrimidin-4-one;

(Compound 110) 2-(2,4-Dichlorophenoxy)-*N*-(4-oxo-2-propyl-5,6,7,8-tetrahydro-4*H*-benzo[4,5]thieno [2,3-*d*]pyrimidin-3-yl)-acetamide;

(Compound 111) 2-(3,4-Dimethoxy-benzoylamino)-4,5,6,7-tetrahydro-benzo[*b*]thio- phen-3-carboxylic acid ethyl ester;

(Compound 112) 2-[3-(2-Chloro-phenyl)-acryloylamino]-4,5,6,7-tetrahydro-benzo[*b*] thiophene-3-carboxylic acid ethyl ester;

(Compound 113) 3-(3-Ethoxycarbonyl-4,5,6,7-tetrahydro-benzo[*b*]thiophene-2-ylcarb-amoyl)-pyrazine-2-carboxylic acid;

(Compound 114) 2-(3-{2,2,2-Trichloro-1-[(furan-2-carbonyl)-amino]-ethyl}-thioureido)-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid ethyl ester;

(Compound 115) 2-(1-Methyl-2-phenyl-vinyl)-2,3,4a,5,6,7,8,9a-octahydro-1*H*-benzo[4,5]thieno[2,3-*d*]pyrimidin-4-one;

(Compound 116) 2-(2-Methoxy-naphtalen-1-yl)-2,3,4a,5,6,7,8,9a-octahydro-1*H*-benzo[4,5]thieno[2,3-*d*]pyrimidin-4-one;

(Compound 117) 2-(1,2-Dimethyl-1*H*-indol-3-yl)-2,3,4a,5,6,7,8,9a-octahydro-1*H*-benzo[4,5]thieno[2,3-*d*]pyrimidin-4-one;

(Compound 118) 2-(Cyclohexanecarbonyl-amino)-6-methyl-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid ethyl ester;

(Compound 119) 3-Bromo-benzoic acid 3-(4-oxo-1,2,3,4,5,6,7,8-octahydro-benzo[4,5]thieno[2,3-*d*]pyrimidin-2-yl)-phenyl ester;

(Compound 120) 3-Thioxo-2,3,5,6,7,8-hexahydro-1*H*-9-thia-1,2,3a,10-tetraaza-cyclopenta[*b*]fluorene-4-one;

(Compound 121) 2-(2,3-Dibromo-5-ethoxy-4-hydroxy-phenyl)-2,3,5,6,7,8-hexahydro-1*H*-benzo[4,5]thieno[2,3-*d*]pyrimidin-4-one;

(Compound 122) 2-[2-(4-Chloro-phenoxy)-acetylamino]-6-methyl-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid ethyl ester;

(Compound 123) 4-Phenyl-5a,6,7,8,9,10a-hexahydro-4*H*-10-thia-1,2,3,4,10b-pentaaza-cyclopenta[*a*]fluoren-5-one;

(Compound 124) 6-Methyl-2-[(thiophene-2-carbonyl)-amino]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide;

(Compound 125) 3-Allyl-2-(2-oxo-2-thiophen-2-yl-ethylsulfanyl)-5,6,7,8-tetrahydro-3*H*-benzo[4,5]thieno[2,3-*d*]pyrimidin-4-one;

(Compound 126) 2-[(2-Chloro-4-nitro-benzylidene)-amino]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid ethyl ester;

(Compound 127) 2-(2-Methyl-3,5-dinitro-benzoylamino)-4,5,6,7-tetrahydro-benzo[*b*] thiophene-3-carboxylic acid ethyl ester;

(Compound 128) 2-(4-Acetyl-benzoylamino)-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid ethyl ester;

(Compound 129) 2-Benzoylamino-7-hydroxyimino-4,5,6,7-tetrahydro-benzo[b]thio-phene-3-carboxylic acid ethyl ester;

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- (Compound 130) 2-Formylamino-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid ethyl ester;
- (Compound 131) 5-Oxo-1,2,3,4,6,7,8,9-octahydro-5*H*-11-thia-5a,10-diaza-benzo[b]fluorene-9-carboxylic acid ethyl ester;
- (Compound 132) 2-Benzoylamino-7-oxo-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid ethyl ester;
- (Compound 133) 2-(2-Phenylsulfanyl-acetylamino)-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid ethyl ester;
- (Compound 134) 2-(4-Nitro-benzylamino)-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid ethyl ester;
- (Compound 135) 2-[2-(4-Ethyl-piperazin-1-yl)-acetylamino]-7-oxo-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid ethyl ester;
- (Compound 136) 2-Phenylsulfanyl-3,4,7,8,9,10-hexahydro-2*H*,6*H*-12-thia-5,11-diaza-cyclohepta[b]fluorene-1,5-dione;
- (Compound 137) 7-Hydroxy-2-(4-nitro-benzoylamino)-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid ethyl ester;

(Compound 138) 2-(2-Cyclohexylamino-acetylamino)-7-oxo-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid ethyl ester;

(Compound 139) 2-(2-Azepan-1-yl-acetylamino)-7-oxo-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid ethyl ester;

(Compound 140) 7-Hydroxyimino-2-pentanoylamino-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid ethyl ester;

(Compound 141) 2-(2-Morpholin-4-yl-acetylamino)-7-oxo-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid ethyl ester;

(Compound 142) 2-Benzoyloxyimino-4,5,7,8,9,10,11-heptahydro-3*H*-1-thia-6a,12-diazacyclohepta[b]fluorene-6-one;

(Compound 143) 2-(3-Acetylsulfanyl-propionylamino)-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid ethyl ester;

(Compound 144) 2-[3-(3,4-Dichloro-phenyl-ureido)-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide;

(Compound 145) 2-(2-Chloro-5-iodo-benzoylamino)-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid ethyl ester;

(Compound 146) 2-[(5-Benzyl-2-hydroxy-3-nitro-benzylidene)-amino]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid ethyl ester;

(Compound 147) 2-[(Pyridine-3-carbonyl)-amino]-4,5,6,7-tetrahydro-benzo[b] thiophene -3-carboxylic acid ethyl ester;

(Compound 148) 2-(3-Thiophen-2-yl-propionylamino)-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid ethyl ester;

(Compound 149) 6-Methyl-2-(3-methyl-4-nitro-benzoylamino)-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid ethyl ester;

(Compound 150) 2-Isopropyl-5,6,7,8-tetrahydro-3-oxa-9-thia-1-aza-fluor-4-one;

(Compound 151) 2-(2-Piperidin-1-yl-acetylamino)-4,5,6,7-tetrahydro-benzo[b]thio-phene-3-carboxylic acid amide;

(Compound 152) 3-Allyl-2-prop-2-ynylsulfanyl-5,6,7,8-tetrahydro-3*H*-benzo [4,5] thieno [2,3-*d*]pyrimidin-4-one;

(Compound 153) 2-(Trifluoromethyl)-5,6,7,8-tetrahydro-3*H*-benzo[4,5]thieno[2,3-*d*] pyrimidin-4-one;

(Compound 154) 2-[2-(4-Methyl-piperazin-1-yl)-acetylamino]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide;

(Compound 155) Furan-2-carboxylic acid-(3-phenylcarbamoyl-4,5,6,7-tetrahydro-benzo[*b*]thiophen-2-yl)-amide;

(Compound 156) 3-Phenyl-5,6,7,8-tetrahydro-3*H*-benzo [4,5] thieno [2,3-*d*]pyrimidin-4-one;

(Compound 157) 2-(4-Oxo-3-phenyl-3,4,5,6,7,8-hexahydro-benzo[4,5]thieno[2,3-*d*] pyrimidin-2-ylsulfanyl)-*N*-phenethyl-acetamide;

(Compound 158) 2-(3-Benzoylsulfanyl-acetylamino)-4,5,6,7-tetrahydro-benzo[*b*] -thiophene-3-carboxylic acid ethyl ester;

(Compound 159) 2-(5-Hydroxy-2-nitro-phenyl)-2,3,5,6,7,8-hexahydro-1*H*-benzo[4,5] thieno[2,3-*d*]pyrimidin-4-one;

(Compound 160) 2-[2-(2-Benzoylamino-2-carboxy-ethylsulfanyl)-acetylamino]-4,5,6,7-tetrahydro-benzo[*b*]thiophene-3-carboxylic acid ethyl ester;

(Compound 161) 2-[(5-Bromoo-2-hydroxy-benzylidene)-amino]-4,5,6,7-tetrahydro-benzo[*b*]thiophene-3-carboxylic acid ethyl ester;

(Compound 162) 3-[(2,4-Dihydroxy-benzylidene)-amino]-2-methyl-5,6,7,8-tetrahydro-3*H*-benzo[4,5]thieno[2,3-*d*]pyrimidin-4-one;

(Compound 163) *N*-(4-Oxo-2-pentyl-5-pentyl-5,6,7,8-tetrahydro-4*H*-benzo[4,5]thieno [2,3-*d*]pyrimidin-3-yl)-2-phenyl-acetamide;

(Compound 164) 2-[(2,3-Dihydro-benzo[1,4]dioxine-5-carbonyl)-amino]-4,5,6,7-tetrahydro-benzo[*b*]thiophene-3-carboxylic acid ethyl ester;

(Compound 165) 2-[(3,5-Dichloro-4-methoxy-benzylidene)-amino]-4,5,6,7-tetrahydro-benzo[*b*]thiophene-3-carboxylic acid ethyl ester;

(Compound 166) 2-Iodo-5-phenyl-2,3,4a,5,6,7,8,9,10-octahydro-1*H*-4,11-dithia-5,11b-diaza-benzo[*a*]fluoren-6-one;

(Compound 167) 2-Benzoylamino-4,5,6,7-tetrahydro-benzo[*b*]thiophene-3-carboxylic acid;

(Compound 168) 2-(2,2,2-Trichloro-1-phenylacetyl-amino-ethyl-amino)-4,5,6,7-tetrahydro-benzo[*b*]thiophene-3-carboxylic acid ethyl ester;

(Compound 169) 2-(3-Furan-2-yl-acryloylamino)-4,5,6,7-tetrahydro-benzo[*b*]thiophene-3-carboxylic acid amide;

(Compound 170) 3-[(3-Bromo-4-hydroxy-5-methoxy-benzylidene)-amino]-2-methyl-5,6,7,8-tetrahydro-3*H*-benzo[4,5] thieno [2,3-*d*]pyrimidin-4-one;

(Compound 171) 3-[(3-Chloro-4-hydroxy-5-methoxy-benzylidene)-amino]-2-methyl-5,6,7,8-tetrahydro-3*H*-benzo[4,5] thieno [2,3-*d*]pyrimidin-4-one;

(Compound 172) 2-[3-(4-Chloro-2-methyl-phenoxy)-propionylamino]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid methyl ester;

(Compound 173) 2-Amino-6-methyl-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid isopropyl ester;

(Compound 174) 7-Benzoyloxyimino-2-pyrrol-1-yl-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid ethyl ester;

(Compound 175) 2-(2-Formyl-pyrrol-1-yl)-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid;

(Compound 176) 2-(5-Chloro-pentanoylamino)-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid ethyl ester;

(Compound 177) 3-Allyl-6-methyl-2-thioxo-2,3,5,6,7,8-hexahydro-1*H*-benzo[4,5]thieno [2,3-*d*]pyrimidin-4-one;

(Compound 178) (3-Allyl-6-methyl-4-oxo-3,4,5,6,7,8-hexahydro-benzo[4,5]thieno[2,3-*d*]pyrimidin-2-ylsulfanyl)-acetic acid;

(Compound 179) 2-[2-(4-Bromo-phenyl-2-oxo-ethylsulfanyl)]-6-methyl-3-phenyl-5,6,7,8-tetrahydro-3*H*-benzo [4,5] thieno [2,3-*d*]pyrimidin-4-one;

(Compound 180) 2-Amino-5-methyl-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid ethyl ester;

(Compound 181) 2-(2-Bromo-benzoylamino)-7-oxo-4,5,6,7-tetrahydro-benzo[b]thio- phen-3-carboxylic acid ethyl ester;

(Compound 182) 2-(3-Methyl-benzoylamino)- 4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid ethyl ester;

(Compound 183) 2-(4-Benzoyl-benzoylamino)- 4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid ethyl ester;

(Compound 184) 2-[(2-Ethoxy-benzylidene)-amino]-4,5,6,7-tetrahydro-benzo[b]thio- phen-3-carboxylic acid amide;

(Compound 185) 2-[2-Amino-3-cyano-7,7-dimethyl-4-(3-nitro-phenyl)-5-oxo-4a,5,6,7,8,8a-hexahydro-4*H*-quinolin-1-yl]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid ethyl ester;

(Compound 186) 2-[2-Amino-3-cyano-7,7-dimethyl-4-(4-chloro-phenyl)-5-oxo-4a,5,6,7,8,8a-hexahydro-4*H*-quinolin-1-yl]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid ethyl ester;

(Compound 187) 2-[2-Amino-3-cyano-7,7-dimethyl-4-(4-ethyl-phenyl)-5-oxo-4a,5,6,7,8,8a-hexahydro-4*H*-quinolin-1-yl]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid ethyl ester;

(Compound 188) 2-[2-Amino-3-cyano-7,7-dimethyl-4-(4-nitro-phenyl)-5-oxo-4a,5,6,7,8,8a-hexahydro-4*H*-quinolin-1-yl]-4,5,6,7-tetrahydro-benzo[*b*]thiophene-3-carboxylic acid ethyl ester;

(Compound 189) (3-Allyl--4-oxo-3,4,5,6,7,8-hexahydro-benzo[4,5]thieno [2,3-*d*]pyrimidin-2-ylsulfanyl)-acetic acid methyl ester;

(Compound 190) 2-(2-Hydroxy-ethylsulfanyl)-5,6,7,8-tetrahydro-3*H*-benzo[4,5]thieno [2,3-*d*]pyrimidin-4-one;

(Compound 191) Thiophene-2-carboxylic acid 2-ethoxy-4-(4-oxo-3,4,5,6,7,8-hexahydro-benzo-[4,5]thieno-[2,3-*d*]pyrimidin-2-ylsulfanyl)-phenyl ester;

(Compound 192) 2-(2-Fluoro-benzoylamino)-6-methyl-4,5,6,7-tetrahydro-benzo[*b*] thiophene-3-carboxylic acid isopropyl ester;

(Compound 193) 3a,7a-Dihydro-benzo[1,3]dioxole-5-carboxylic acid (3-carbamoyl-5-methyl-4,5,6,7-tetrahydro-benzo[*b*]thiophen-2-yl)-amide;

(Compound 194) 2-[(3a,7a-Dihydro-benzo[1,3]dioxole-5-carbonyl)-amino]-6-methyl-4,5,6,7-tetrahydro-benzo[*b*]thiophene-3-carboxylic acid isopropyl ester;

(Compound 195) 2-[(3a,7a-Dihydro-benzo[1,3]dioxole-5-carbonyl)-amino]-4,5,6,7-tetrahydro-benzo[*b*]thiophene-3-carboxylic acid isopropyl ester;

(Compound 196) 6-Methyl-2-(3-phenyl-propionylamino)-4,5,6,7-tetrahydro-benzo[*b*] thiophene-3-carboxylic acid amide;

(Compound 197) 2-(2,4-Dichloro-benzoylamino)-6-Methyl-4,5,6,7-tetrahydro-benzo[*b*] thiophene-3-carboxylic acid isopropyl ester;

(Compound 198) 2-(4-Methoxy-benzoylamino)-4,5,6,7-tetrahydro-benzo[*b*]thiophene-3-carboxylic acid methyl ester;

(Compound 199) Tetrahydro-fruan-2-carboxylic acid (3-carbamoyl-6-methyl-4,5,6,7-tetrahydro-benzo[*b*]thiophen-2-yl)-amide;

(Compound 200) 2-[2-(5-Methyl-3-nitro-pyrazol-1-yl)-acetylamino]-4,5,6,7-tetrahydro-benzo[*b*]thiophene-3-carboxylic acid methyl ester;

(Compound 201) 2-(4-Fluoro-benzenesulfonylamino)-4,5,6,7-tetrahydro-benzo[*b*]thio- phene-3-carboxylic acid amide;

(Compound 202) 6-*tert*-Butyl-2-(3-phenyl-3-phenylsulfanyl-propionylamino)-4,5,6,7-tetrahydro-benzo[*b*]thiophene-3-carboxylic acid methyl ester;

(Compound 203) 2-[2-(3,5-Dimethyl-4-nitro-pyrazol-1-yl)-acetylamino]-6-methyl-4,5,6,7-tetrahydro-benzo[*b*]thiophene-3-carboxylic acid ethyl ester;

(Compound 204) 2-[2-(3,5-Dimethyl-4-nitro-pyrazol-1-yl)-acetylamino]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid isopropyl ester;

(Compound 205) 6-Methyl-2-(3,3-diphenyl-propionylamino)-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid ethyl ester;

(Compound 206) 2-(3,5-Dimethoxy-benzoylamino)-6-(1,1-dimethyl-propyl)-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid methyl ester;

(Compound 207) 6-*tert*-Butyl-2-[2-(5-methyl-3-trifluormethyl-pyrazol-1-yl)-acetyl-amino]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide;

(Compound 208) 6-*tert*-Butyl-2-(3-phenyl-3-phenylsulfanyl-propionylamino)-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid ethyl ester;

(Compound 209) 2-[2-(5-Methyl-3-nitro-pyrazol-1-yl)-acetylamino]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid isopropyl ester;

(Compound 210) 6-*tert*-Butyl-2-[2-(3-nitro-[1,2,4]triazol-1-yl)-acetylamino]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid methyl ester;

(Compound 211) 6-*tert*-Butyl-2-[2-(3,5-dimethyl-4-nitro-pyrazol-1-yl)-acetylamino]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid methyl ester;

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- (Compound 212) 6-Methyl-2-[2-(5-methyl-3-trifluoromethyl-pyrazol-1-yl)-acetylamino]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid ethyl ester;
- (Compound 213) 6-Methyl-2-[2-(5-methyl-3-trifluoromethyl-pyrazol-1-yl)-acetylamino]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid methyl ester;
- (Compound 214) 6-*tert*-Butyl-2-[2-(5-methyl-3-trifluoromethyl-pyrazol-1-yl)-acetyl- amino]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid ethyl ester;
- (Compound 215) 6-*tert*-Butyl-2-[2-(3,5-dimethyl-4-nitro-pyrazol-1-yl)-acetylamino]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide;
- (Compound 216) 6-*tert*-Butyl-2-(3-carboxy-acryloylamino)-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid methyl ester;
- (Compound 217) 6-*tert*-Butyl-2-(4-carboxy-butyrylamino)-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid methyl ester;
- (Compound 218) 2-[(4-Iodo-2-methyl-2*H*-pyrazole-3-carbonyl)-amino]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid ethyl ester;
- (Compound 219) 2-[4-(4-Chloro-2-methyl-phenoxy)-butyrylamino]-6-methyl-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid isopropyl ester;

(Compound 220) 2-(2-Phenyl-2-phenylsulfanyl-acetylamino)-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid ethyl ester;

(Compound 221) 2-[(5-Methyl-3-phenyl-isoxazole-4-carbonyl)-amino]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid ethyl ester;

(Compound 222) 6-Methyl-2-[2-(3-nitro-[1,2,4]triazol-1-yl)-acetylamino]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid methyl ester;

(Compound 223) 6-Methyl-2-[2-(3-nitro-[1,2,4]triazol-1-yl)-acetylamino]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid isopropyl ester;

(Compound 224) 2-Amino-6-*tert*-butyl-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid methyl ester;

(Compound 225) 2-Amino-6-*tert*-butyl-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide;

(Compound 226) 6-Methyl-2-[2-(5-methyl-3-nitro-pyrazol-1-yl)-acetylamino]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid methyl ester;

(Compound 227) 2-[2-(3,5-Dimethyl-4-nitro-pyrazol-1-yl)-acetylamino]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid methyl ester;

(Compound 228) 2-[2-(3,5-Dimethyl-4-nitro-pyrazol-1-yl)-acetylamino]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide;

(Compound 229) 2-[2-(5-Methyl-3-trifluoromethyl-pyrazol-1-yl)-acetylamino]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid methyl ester;

(Compound 230) 6-Methyl-2-[2-(3-nitro-[1,2,4]triazol-1-yl)-acetylamino]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid ethyl ester;

(Compound 231) 2-[(2-Carboxy-cyclohexanecarbonyl)-amino]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid isopropyl ester;

(Compound 232) 2-(3-Carboxy-acryloylamino)-6-(1,1-dimethyl-propyl)-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide;

(Compound 233) 6-(1,1-Dimethyl-propyl)-2-[(5-methyl-furan-2-carbonyl)-amino]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide;

(Compound 234) 6-Methyl-2-[(2-methyl-furan-3-carbonyl)-amino]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid isopropyl ester;

(Compound 235) 2-(4-Chloro-benzoylamino)-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid ethyl ester;

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- (Compound 236) 2-Benzoylamino-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid ethyl ester;
- (Compound 237) 2-(Cyclopropanecarbonyl-amino)-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide;
- (Compound 238) 2-[2-(4-Nitrophenyl)-acetylamino]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide;
- (Compound 239) 6-Methyl-2-[2-(3-nitro-[1,2,4]triazol-1-yl)-acetylamino]-4,5,6,7-tetrahydro-benzo[b]thiophene-3-carboxylic acid amide;
- (Compound 240) Furan-2-carboxylic acid [3-(2-hydroxy-ethylcarbamoyl)-4,5,6,7-tetrahydro-benzo[b]thiophen-2-yl]-amide;
- (Compound 241) Cyclopropanecarboxylic acid (3-ethoxy-4,5,6,7-tetrahydro-benzo[b]thiophen-2-yl)-amide;
- (Compound 242) *N*-(3-Ethoxy-4,5,6,7-tetrahydro-benzo[b]thiophen-2-yl)-acet-amide;
- (Compound 243) *N*-(3-Ethoxy-4,5,6,7-tetrahydro-benzo[b]thiophen-2-yl)-propion-amide;
- (Compound 244) *N*-(3-Ethoxy-4,5,6,7-tetrahydro-benzo[b]thiophen-2-yl)-2-methyl-acrylamide;

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- (Compound 245) 3-Methyl-but-2-enoic acid (3-ethoxy-4,5,6,7-tetrahydro-benzo[*b*]thiophen-2-yl)-amide;
- (Compound 246) But-2-enoic acid (3-ethoxy-4,5,6,7-tetrahydro-benzo[*b*]thiophen-2-yl)-amide;
- (Compound 247) *N*-(3-ethoxy-4,5,6,7-tetrahydro-benzo[*b*]thiophen-2-yl)-2,2-dimethyl-propionamide;
- (Compound 248) Thiophene-2-carboxylic acid (3-ethoxy-4,5,6,7-tetrahydro-benzo[*b*]thiophen-2-yl)-amide;
- (Compound 249) Furan-2-carboxylic acid (3-ethoxy-4,5,6,7-tetrahydro-benzo[*b*]thiophen-2-yl)-amide;
- (Compound 250) 2-Acetyl-amino-4,5,6,7-tetrahydrobenzo[*b*]thiophene-3-carboxylic acid amide;
- (Compound 251) 2-(2,2,-Dimethyl-propionylamino)-4,5,6,7-tetrahydrobenzo[*b*]thiophene-3-carboxylic acid amide;
- (Compound 252) 2-(Cyclopropanecarbonyl-amino)-4,5,6,7-tetrahydro-benzo[*b*]thiophene-3-carboxylic acid;
- (Compound 253) Cyclopropanecarboxylic acid (3-cyano-4,5,6,7-tetrahydro-benzo[*b*]thiophen-2-yl) amide;
- (Compound 254) 2-Amino-4,5,6,7-tetrahydro-benzo[*b*]thiophene-3-carbonitrile;
- (Compound 255) 2-Isobutyrylamino-4,5,6,7-tetrahydrobenzo[*b*]thiophene-3-carboxylic acid amide;
- (Compound 256) 2-Isobutyrylamino-4,5,6,7-tetrahydrobenzo[*b*]thiophene-3-carboxylic acid ethyl ester;

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- (Compound 257) 2-(Ethoxyoxalyl-amino)-4,5,6,7-tetrahydrobenzo[*b*]thiophene-3-carboxylic acid ethyl ester;
- (Compound 258) 2-Amino-4-methyl-4,5,6,7-tetrahydrobenzo[*b*]thiophene-3-carboxylic acid ethyl ester;
- (Compound 259) 2-(Cyclopropanecarbonyl amino)-4-methyl-4,5,6,7-tetrahydrobenzo[*b*]thiophene-3-carboxylic acid ethyl ester;
- (Compound 260) Oxo-(4,5,6,7-tetrahydrobenzo[*b*]thiophen-2-yl)-acetic acid;
- (Compound 261) 2-Chloro-1-(4,5,6,7-tetrahydrobenzo[*b*]thiophen-2-yl)-ethanone;
- (Compound 262) 2-Hydrazino-1-(4,5,6,7-tetrahydrobenzo[*b*]thiophen-2-yl)-ethanone;
- (Compound 263) 2-(2-Methyl-acryloylamino)-4,5,6,7-tetrahydrobenzo[*b*]thiophene-3-carboxylic acid amide;
- (Compound 264) 2-[(Thiophene-2-carbonyl)-amino]-4,5,6,7-tetrahydrobenzo[*b*]thiophene-3-carboxylic acid amide;
- (Compound 265) Furan-2-carboxylic acid (3-carbamoyl-4,5,6,7-tetrahydro-benzo[*b*]-thiophen-2-yl)-amide;
- (Compound 266) 2-(Cyclobutanecarbonyl-amino)-4,5,6,7-tetrahydrobenzo[*b*]thiophene-3-carboxylic acid amide;
- (Compound 267) 2-(2-Methyl-butyrylamino)-4,5,6,7-tetrahydrobenzo[*b*]thiophene-3-carboxylic acid amide;
- (Compound 268) 2-(Cyclopropanecarbonyl-amino)-4-methyl-4,5,6,7-tetrahydrobenzo[*b*]thiophene-3-carboxylic acid amide;

- (Compound 269) 6-*tert*-Butyl 2-(cyclopropanecarbonyl-amino)-4,5,6,7-tetrahydrobenzo[b]thiophene-3-carboxylic acid amide;
- (Compound 270) 2-(Cyclopropanecarbonyl-amino)-6-methyl-4,5,6,7-tetrahydrobenzo[b]thiophene-3-carboxylic acid amide;
- (Compound 271) 2-(Cyclopropylmethyl-amino)- 4,5,6,7-tetrahydrobenzo[b]thiophene-3-carboxylic acid amide;
- (Compound 272) *N*-(3-Cyano-4,5,6,7-tetrahydrobenzo[b]thiophen-2-yl)-acetamide;
- (Compound 273) *N*-(3-Cyano-4,5,6,7-tetrahydrobenzo[b]thiophen-2-yl)-benzamide;
- (Compound 274) 5-Bromo-furan-2-carboxylic acid (3-cyano-4,5,6,7-tetrahydrobenzo[b]thiophen-2-yl)- amide;
- (Compound 275) *N*-(3-Cyano-4,5,6,7-tetrahydrobenzo[b]thiophen-2-yl)-2,2,2,-trifluoro-acetamide;
- (Compound 276) 2-[(Furan-2-ylmethylene)-amino]-4,5,6,7-tetrahydrobenzo[b]thiophene-3-carbonitrile;
- (Compound 277) *N*-(3-Cyano-6-methyl-4,5,6,7-tetrahydrobenzo[b]thiophen-2-yl)-acetamide;
- (Compound 278) 2-[(Pyrazine-2-carbonyl)-amino]-4,5,6,7-tetrahydrobenzo[b]thiophene-3-carboxylic acid methyl ester;
- (Compound 279) 2-Isobutyrylamino- 4,5,6,7-tetrahydrobenzo[b]thiophene-3-carboxylic acid methyl ester;
- (Compound 280) 6-Methyl-2-[(thiophene-2-carbonyl)-amino]- 4,5,6,7-tetrahydrobenzo[b]thiophene-3-carboxylic acid;

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- (Compound 281) 2-[(Thiophene-2-carbonyl)-amino]- 4,5,6,7-tetrahydrobenzo[b]thiophene-3-carboxylic acid;
- (Compound 282) 2-(Cyclopropanecarbonyl-amino) 4,5,6,7-tetrahydrobenzo[b]thiophene-3-carboxylic acid;
- (Compound 283) 2-(Cyclohexanecarbonyl-amino) 4,5,6,7-tetrahydrobenzo[b]thiophene-3-carboxylic acid amide;
- (Compound 284) 2-Acetylamino-6-methyl- 4,5,6,7-tetrahydrobenzo[b]thiophene-3-carboxylic acid amide;
- (Compound 285) 2-Amino-4,7-dihydro-5*H*-thieno[2,3-*c*]-thiopyran-3-carboxylic acid amide;
- (Compound 286) 2-(Cyclopropanecarbonyl-amino)-4,7-dihydro-5*H*-thieno[2,3-*c*]-thiopyran-3-carboxylic acid amide; and
- (Compound 287) 2-(Cyclopropanecarbonyl-amino)-6-oxo-4,5,6,7-tetrahydro-6 λ^4 -thieno[2,3-*c*]thiopyran-3-carboxylic acid amide,
- in a pharmaceutically acceptable carrier.

16-23. (canceled)